



FY2000 Business Plan



Wastewater Utility Division
Pretreatment/Pollution Prevention (p2) Program
July 1999 to June 2000

What is our P2 Program?

The Wastewater Utility Division-Pollution Prevention (P2) Program is the outgrowth of an EPA pilot grant in 1992-1994. Since 1994 the Division has established a permanent P2 program as an integral part of the Industrial Pretreatment Program. The unique feature of the P2 effort is its non-regulatory emphasis on educational and training outreach which is closely coordinated with local business sectors. Every outreach effort involves local businesses' help with outreach development. Using these methods, our program materials receive endorsements and participation with popular acceptance. We give positive media recognition and awards to participants who are certified as implementing best management practices endorsed by their business peers. Our P2 Program has received national award recognition and is a model others are emulating and promoting. The following are our targeted activities for the coming fiscal year FY2000, from July 1999 to June 2000.



Project XL - Excellence in Leadership

The City was selected by EPA to participate in Project XL, a national program initiated by the President, in order to investigate ways to reinvent government programs while achieving superior environmental results. Project XL is a pilot project for the Pretreatment Program. The goal is to reinvent environmental protection on a two-track system; the first track is a set of High Priority Actions targeted to fixing problems with today's regulatory programs and the second track is designed to develop innovative alternatives to the current regulatory system.



Specific activities will be:

- Coordinate expansion of pollution prevention activities by shifting resources away from otherwise required unproductive activities.
- Assist with focused p2 efforts in sewer sub-basins based on baseline monitoring within the


collection system.

- Develop new p2 materials addressing specific pollutant loading issues brought to light in sub-basin monitoring.
- Develop innovative strategies to address industrial wastewater sources in sewer domestic, commercial, and sub-basins.



Automotive Shops

The P2 Program is planning a series of workshops using an educational interactive game. The game was developed by Jessica Levy, a consultant, and expert in auto shop safety, waste issues, pollution prevention and general environmental subjects. Jessica has helped prepare training courses, videos, manuals and involvement-games for seminar participants.

- Coordinate a demonstration Game for City, State, and County Fleet Maintenance groups, and the New Mexico Auto Service Professionals Association.
- Coordinate a workshop targeting the New Mexico Auto Service Professional Association and the New Mexico Auto Dealership Association Members
- Continue and update Automotive Database with survey data and outreach potential.
- Resurvey approximately 320 auto shops to collect information regarding waste management practices, and recognize shops that are adhering to the **Automotive Code of Practice**.
- Conduct additional requests for information  workshops for independent auto shops. Respond to

Dental Offices

A proactive effort with the Albuquerque District Dental Society (ADDS) is being coordinated to educate dental professionals about p2 best management practices.

- Meet with Albuquerque District Dental Society (ADDS) Board of Directors to review 1999 survey results of Albuquerque dentists and waste practices.

- Prepare additional educational material addressing silver and mercury in particular.
- Distribute p2 info at the annual New Mexico Dental Association meeting in July 2000.
- Provide educational training to dental offices in Albuquerque. Continue the City's accredited training program for dental professionals.
- Receive the ADDS endorsement of the *updated* Dental Waste Guidelines.
- Develop the first Update newsletter for dentists and distribute in coordination with ADDS
- Provide more information about source control and alternatives to mercury
ing amalgam fillings.



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Hospitals and Medical Facilities

A Pollution Prevention workshop for Medical Facilities will take place on October 7, 1999. Several organizations are interested in follow-up efforts to the workshop.

- Coordinate development of **Best Management Code of Practice for Hospitals**, and distribute via follow-up workshops, meetings, and visits.
- Coordinate additional workshops and advertising of medical facilities' p2 training opportunities with the New Mexico Environmental Alliance and Green Zia Program.
- Provide hospitals with source reduction and sampling assistance as requested.
- Certify hospitals and medical facilities with 5 PPM, p2, or Green Zia awards after Code guidance material is developed.
- Dovetail our efforts with the EPA/National Hospital Association Memo of Understanding, 1998, to reduce hospital wastes nationally.



Printing

A New **Code of Practice for Printers** was completed and is currently being printed.



- Perform phone and field surveys to update previous surveys.
- Deliver codes of practice to businesses. Respond to questions and requests.
- Issue and certify 5 PPM/P2 or Green Zia awards.
- Update Printers Database with new summary data.
- Possibly coordinate workshop(s) with the New Mexico Environmental Alliance or WERC's p2 Technical Resource Center.

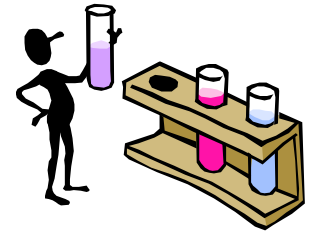
Laboratories

The initial survey of biomedical laboratories was conducted in 1995 and two codes were completed. The **Best Management Code of Practice for Analytical Laboratories** and the **Best Management Code of Practice for Biomedical Laboratories** were distributed in 1997.

- Finalize and distribute the University of New Mexico versions of the Codes of Practice for Analytical Labs and Biomedical Labs.
- Develop the first **Update** newsletter for biomedical labs and distribute along with copies of City's program articles from **Laboratory Medicine**.
- Resurvey and re-sample when feasible the biomedical laboratories and provide follow up assistance on pollution prevention.
- Certify the biomedical laboratories that have implemented baseline best management practices with p2 and/or Green Zia awards.



- Update the Laboratory database



Electroplaters

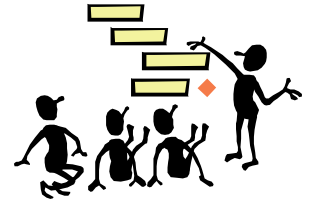
- Develop a new **Code of Practice of Best Management Practices** for electroplating shops.
- Conduct field p2 surveys of current practices.
- Certify businesses with 5PPM, p2, or Green Zia awards after Code is developed.
- Possibly sponsor a workshop for electroplaters addressing pollution prevention practices.

Jewelry Manufacturing



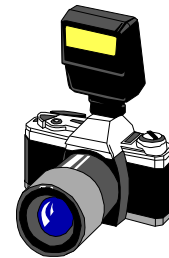
- Compile and develop the Second Code Update newsletter
- Coordinate a workshop addressing cyanide bombing and mass finishing wastes.
- Develop a household jewelry manufacturer flier with p2 educational information.
- Promote the pickle plater loan program to achieve metals recycling and avoid sewer discharges.
- Address cyanide bombing issues and research the alternatives.
- Certify businesses with 5PPM, p2, or Green Zia awards.
- Update Code
- Resurvey Jewelers by phone and conduct site surveys.
- Update jewelers' database.

Educational Materials



- Develop new pamphlets, brochures and other educational materials to support ongoing efforts.
- Maintain distribution of p2 pamphlets to nurseries, auto shops, arts and crafts stores, hardware stores, jewelry and dental suppliers, at State Fair and Balloon Fiesta.
- Update p2 Program web page.
- Convert all p2 documents to p.d.f. or html format for posting on the web.

Photo



- Develop the first Code Update newsletter and distribute
- Certify businesses with 5 PPM, p2, or Green Zia awards.
- Update **Photoprocessor's Best Management Code of Practice**
- Update Photoprocessors Database
- Resurvey and revisit photoprocessors



5 PPM Silver Program and P2 Awards

- Recertify all current 5 PPM and p2 awardees to include site visits and follow up assistance as needed.
- Meet our goal of increasing participation by certifying a total of 175 businesses for awards.
- Coordinate p2 awards with the New Mexico Facility Managers Network.
- Focus on promoting or recognizing 5 PPM/p2 awardees.



Schools

- Conduct field surveys of auto shops.
 - Coordinate and assist Albuquerque Public Schools risk management staff with p2 outreach to schools.
 - 5 PPM/p2 or Green Zia award certifications.
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- Cosponsor or promote workshops for auto shop teachers and automotive fleet maintenance personnel
 - Revisit high schools and conduct surveys of any photography classes, jewelry and art classes.

Responses for Assistance

- Respond to phone and other requests for assistance (had 125 last FY).



New Industrial Sectors

- Carpet cleaning companies:
Develop a pamphlet with best management practices for handling wastewater generated when cleaning carpets. The pamphlet should also address source control, and nonhazardous chemical use.
- Develop best management practices and educational brochures for car washes, and their customers.
- Research methods to clean batteries from battery shops.
- Develop **Best Management Code of Practice for Machine Shops.**



New Goals &
Challenges!